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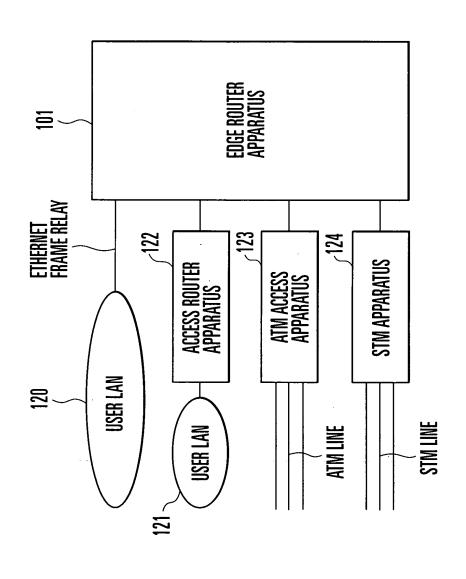
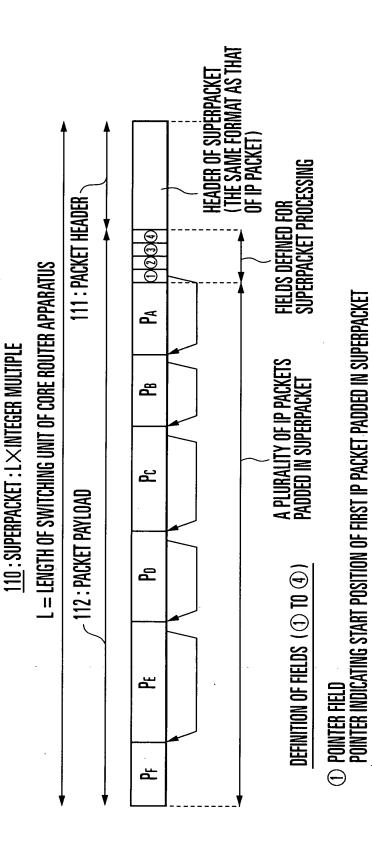


FIG. 2



PADDING ON/OFF FIELD FIELD REPRESENTING WHETHER IP PACKET AT THE END OF SUPERPACKET IS ACTUAL IP PACKET DATA OR MERELY FREE REGION FOR PADDING

PACKET COUNT FIELD FIELD REPRESENTING THE NUMBER OF PACKET START POSITIONS THAT OCCUR ON SUPERPACKET

0

(

9

SINGLE PACKET OCCUPATION FIELD FIELD REPRESENTING THAT ENTIRE SUPERPACKET IS USED BY PARTIAL DATA OF SINGLE IP PACKET AND HAS NO PACKET START POSITION OR PADDING

FIG.3

EXAMPLE OF HEADER OF SUPERPACKET (EXAMPLE FOR IPv4)

TOTAL LENGTH	FLAG FRAGMENT OFFSET	HEADER CHECKSUM	ER ADDRESS)	
			SMISSION-SOURCE EDGE ROUTI Ation edge Router Address	
SERVICE TYPE	IDENTIFIER (ID)	PR0T0C0L	SOURCE ADDRESS (DESCRIBING TRANSMISSION-SOURCE EDGE ROUTER ADDRESS) ATION ADDRESS (DESCRIBING DESTINATION EDGE ROUTER ADDRESS) OPTION	
Ж		TIME TO LIVE (TTL)	TRANSMISSION-S DESTIN	
VERSION				

FIG 4

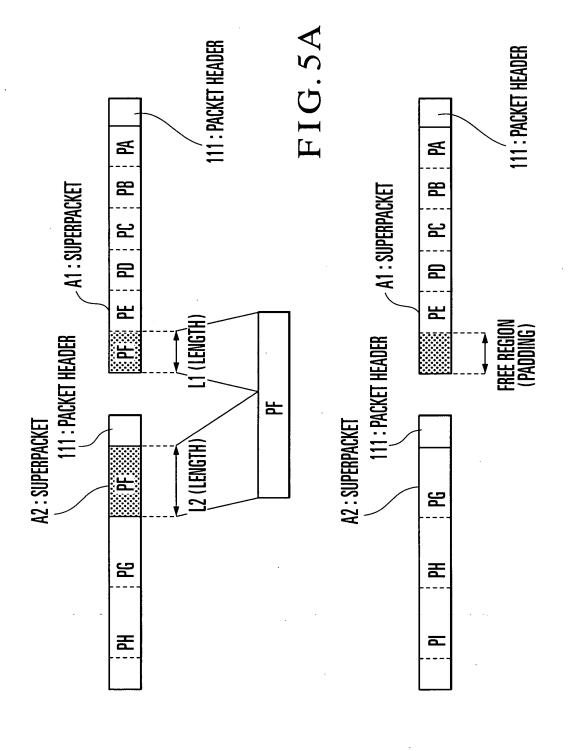


FIG. 5B

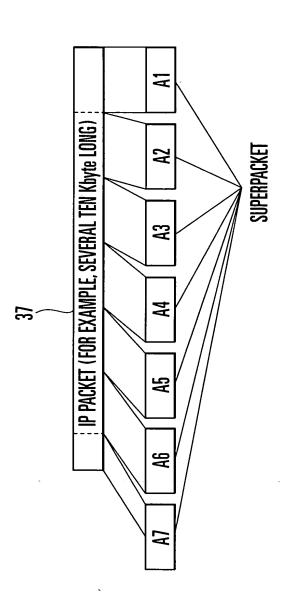
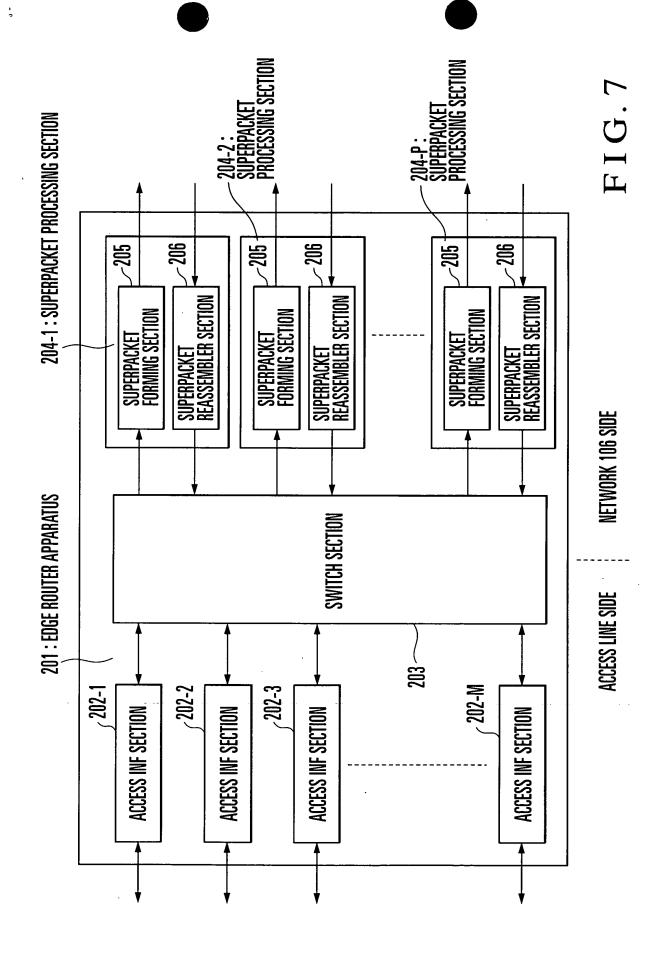


FIG. 6

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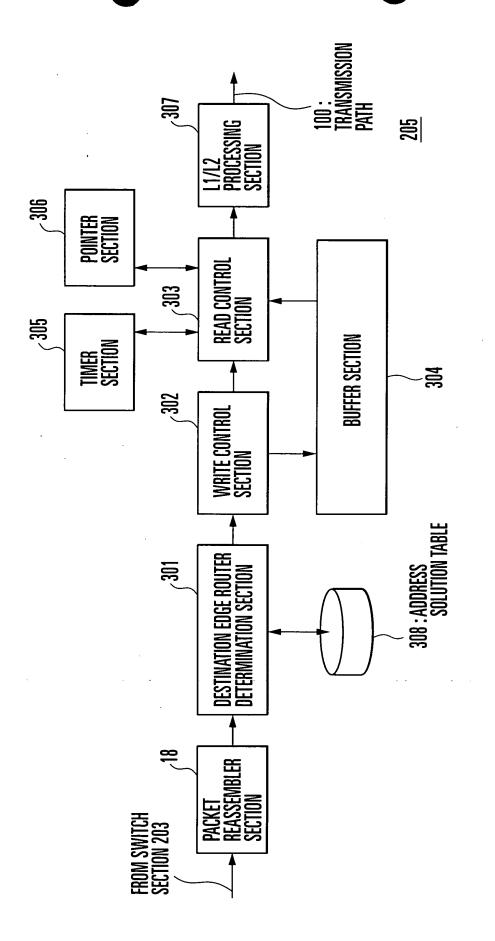


FIG. 8

i i 1

					
	POINTER INFORMATION REPRESENTING CONNECTION TO ADJACENT ENTRY IN BINARY TREE	POINTER INFORMATION REPRESENTING CONNECTION TO ADJACENT ENTRY IN BINARY TREE	POINTER INFORMATION REPRESENTING CONNECTION TO ADJACENT ENTRY IN BINARY TREE		POINTER INFORMATION REPRESENTING CONNECTION TO ADJACENT ENTRY IN BINARY TREE
32-BIT DESTINATION IP ADDRESS	NETWORK ADDRESS OF EGRESS EDGE ROUTER	NETWORK ADDRESS OF EGRESS EDGE ROUTER	NETWORK ADDRESS OF EGRESS EDGE ROUTER	·	NETWORK ADDRESS OF EGRESS EDGE ROUTER
	X1. Y1. K1. Z1	X2. Y2. K2. Z2	X3. Y3. K3. Z3		X4. Y4. K4. Z4
NTRY					
EACH ENTRY					

FIG. 9

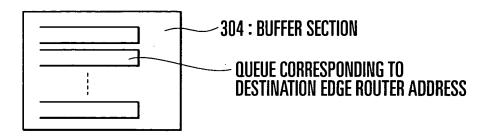


FIG. 10

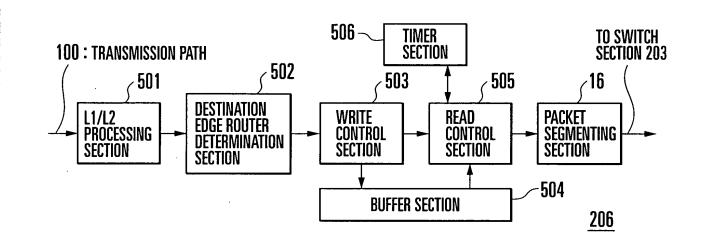


FIG. 11

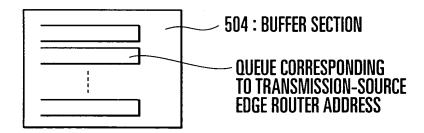
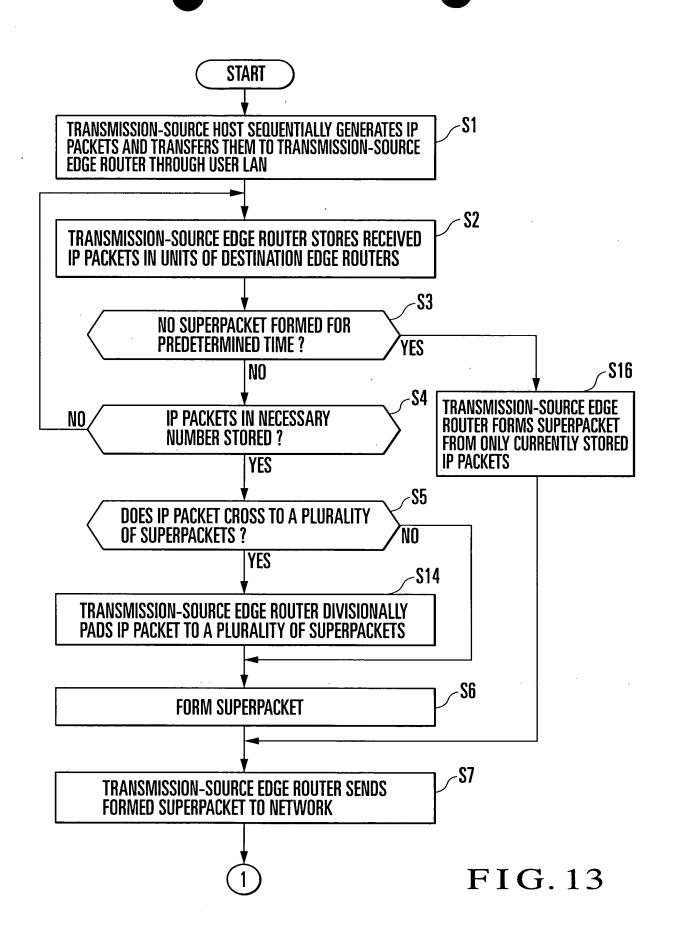


FIG. 12



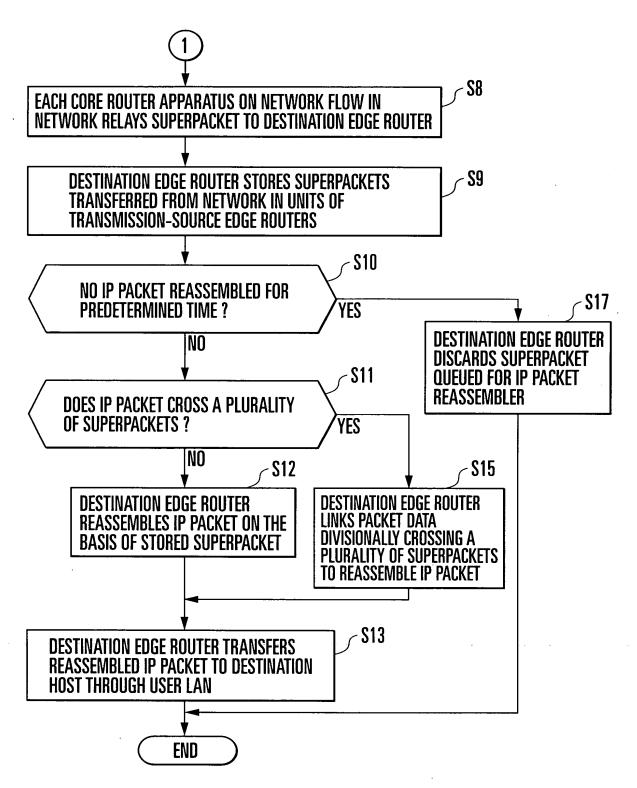


FIG. 14

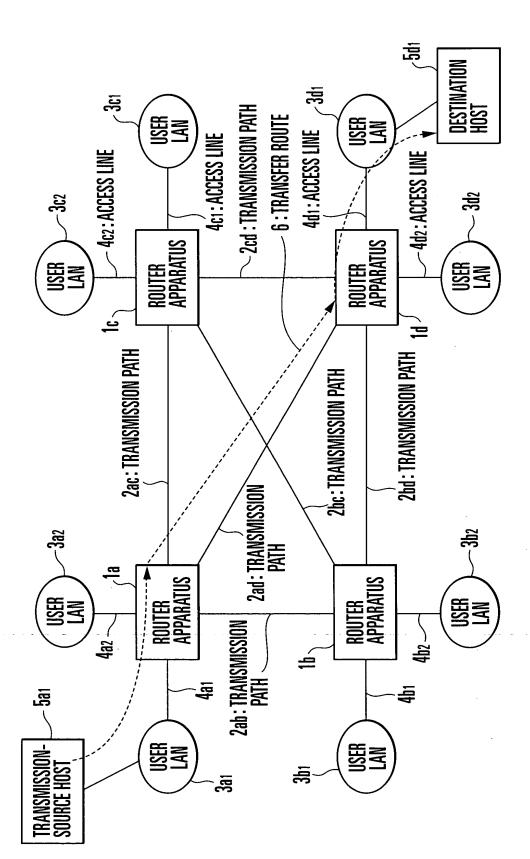
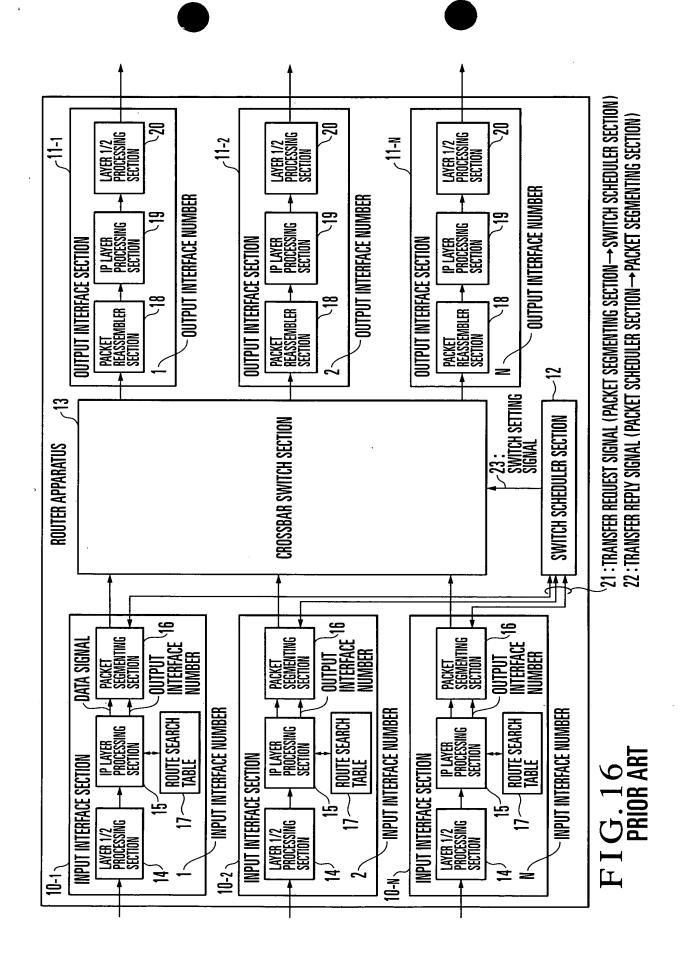


FIG. 15 PRIOR ART



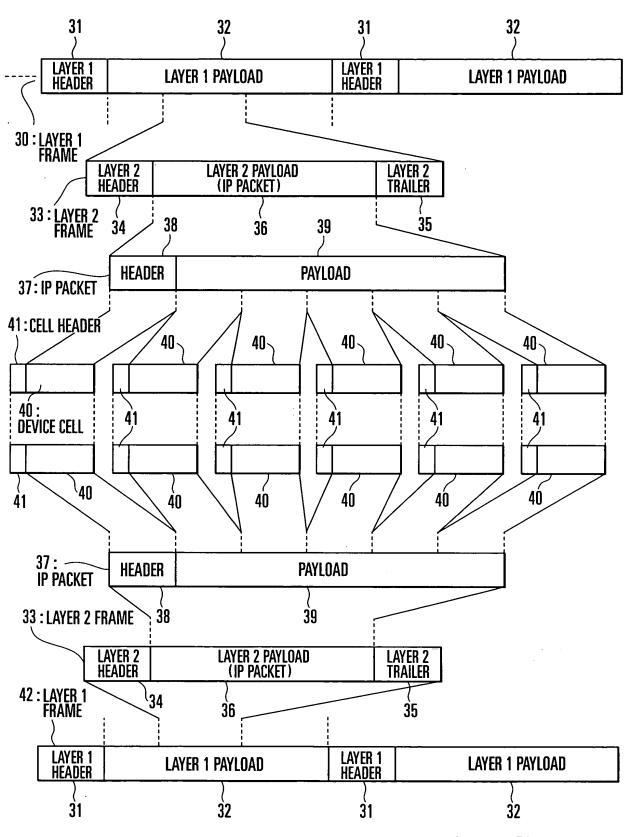


FIG. 17 PRIOR ART

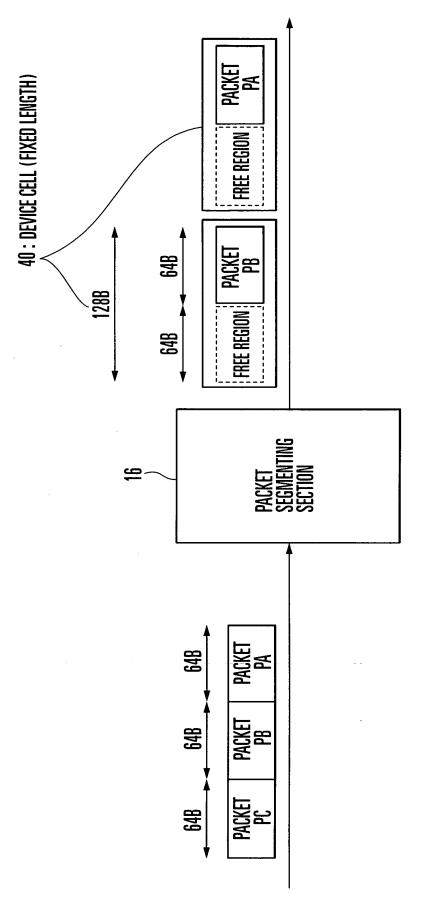


FIG. 18 Prior art

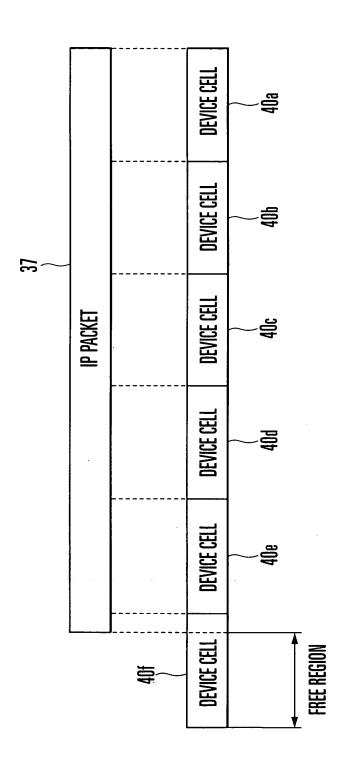


FIG. 19 PRIOR ART